

CLIMATE & ECONOMIC DEVELOPMENT PROJECT
SOUTHERN CALIFORNIA



Climate & Economic Development Project

Public Stakeholders Committee
Meeting #2, October 25, 2010

Southern California Association of Governments

The Center for Climate Strategies

Welcome and Introductions

- Southern California Association of Governments
- Public Stakeholders Committee
- Members of the Public
- Center for Climate Strategies

Agenda - Morning

1. Welcome and Introductions
2. Meeting Objectives & Agenda Overview
3. Approval of PSC Meeting # 1 Summary
4. Purpose and Goals of PSC Meeting #2
5. Review and Approval of Revisions to Catalogs of Policy Actions
6. Lunch

Agenda - Afternoon

7. Review and Approval of Revisions to Catalogs of Policy Options (Cont.)
8. Review and Discussion of Decision Process & Criteria for Refining Catalogs of Policy Actions
9. Draft Inventory & Forecast - Status Update
10. Next Steps
11. Public Input
12. Announcements
13. Wrap-Up and Adjourn

Summary of PSC #1 Meeting

Goals for PSC Meeting #2

1. Approval of Additions to Catalogs of Potential Policy Actions
2. Approval of Socio-Economic Decision Criteria for Guidance to TWGs

Stepwise Planning Process

1. Get organized
2. Review and refine inventory & forecast of emissions
3. Identify a full range of possible actions
4. Identify initial priorities for analysis
5. Develop straw policy design proposals
6. Quantify initial GHG reductions and costs/savings
7. Fully develop policy option templates
8. Develop alternatives to address barriers as needed
9. Aggregate and integrate results
10. Finalize and report recommendations

Step 3: Expand the Catalog of Actions

- Over 400 actions taken by US states
 - Existing, planned and proposed state and multi state actions
 - Many US states
 - All sectors
 - Variety of implementation mechanisms
 - Includes key SCAG region actions
- TWGs add missing potential actions
 - Starting place for identification of priorities for analysis

Technical Work Groups

Transportation and
Land Use

Transportation System
& Investment

Energy, Commerce,
Resources

TWG Sectors

Transportation
Demand
Management

Transportation and
Land Use

Transportation System
Management

Transportation
Infrastructure and
Investment

Energy, Commerce,
Resources

Catalogs of Policy Actions (see posted documents)

Transportation and Land Use

TLU Catalog Categories

TLU-1 Priority Growth Centers

TLU-2 Land Use Planning Measures

TLU-3 Local Code Development, Enhancement, and
Enforcement

TLU-4 Incentive & Disincentive Programs

TLU-5 Local Government Incentives to Promote
Alternative Fuel Use

TLU-6 Cross-Cutting Issues in Transportation and Land Use



Transportation System & Investment

TSI Categories

Transportation Demand Management
Transportation System Management
Transportation Infrastructure Investment

Transportation Demand Management

TDM Catalog Categories

TDM-1 Bicycle and Pedestrian Incentives

TDM-2 Commuter Programs

TDM-3 Parking Management and Programs

TDM-4 Ridesharing Programs

TDM-5 Transit Programs

TDM-6 Additional Pricing Incentives
and Disincentives



Transportation System Management

TSM Catalog Categories

TSM-1 Bicycle and Pedestrian Facilitation

TSM-2 Road Traffic Management

TSM-3 Alternate Modes of Transportation

TSM-4 Transit Service Facilitation

TSM-5 Freight and Heavy Duty Incentives

TSM-6 Pricing Incentives and Disincentives

TSM-7. Baseline Data Collection Measures

Transportation Infrastructure Investment

TII Catalog Categories

- TII-1 Bike and Pedestrian Infrastructure
- TII-2 Freight Infrastructure
- TII-3 Parking Infrastructure
- TII-4 Road Infrastructure
- TII-5 Public Transit Infrastructure

Energy, Commerce, Resources

ECR Categories

- Residential, Commercial and Industrial Energy Demand
- Energy Supply (Heat and Power)
- Agriculture, Forestry and Waste
- Cross-Cutting Issues
- Supplemental Sector: Water

Residential, Commercial & Industrial Energy Demand

RCI Catalog Categories

- RCI-1 Energy Efficiency Programs, Funds, and Goals
- RCI-2 Buildings and Facilities
- RCI-3 Appliance Standards
- RCI-4 Education and Outreach
- RCI-5 Pricing and Purchasing

Residential, Commercial & Industrial Energy Demand

RCI Catalog Categories (Cont.)

- RCI-6 Customer-Sited Distributed Energy & Combined Heat and Power
- RCI-7 Non-Energy Emissions (HFCS, PFCS, SF₆, CO₂ Process Emissions)
- RCI-8 Greenhouse Gas Emissions-Specific Goals and Policies
- RCI-9 Other

Energy Supply (Heat and Power)

ES Catalog Categories

- ES-1 Emissions Policies and Overarching Items
- ES-2 Renewable Energy & Energy Efficiency
- ES-3 Fossil Fuel & Nuclear Energy
- ES-4 Fossil Fuel Production, Processing & Delivery
- ES-5 Carbon Capture and Storage or Reuse (CCRS)
- ES-6 Other Energy Supply Options (including enabling policies)

Agriculture, Forestry and Waste

AFW Catalog Categories

AFW-1 Production of Fuels and Electricity in Agriculture & Forestry

AFW-2 Agriculture - Livestock

AFW-3 Agriculture - Crop Production

AFW-4 Agriculture and Open Space - Optimization of Land Use

AFW-5 Agriculture - Farming Practices

AFW-6 Rangeland Management

Agriculture, Forestry and Waste

AFW Catalog Categories (Cont.)

AFW-7 Forestry - Biomass Protection and Management

AFW-8 Forestry - Wood Products & Waste

AFW-9 Waste Management - Waste Management Strategies

AFW-10 Waste Management - Landfill Gas Strategies

AFW-11 Waste Management - Waste Management

AFW-12 Urban Forestry and Urban Agriculture

Cross-Cutting Issues

CCI Catalog Categories

- CC-1 GHG Inventory and Forecasting
- CC-2 GHG Reporting
- CC-3 GHG Registry
- CC-4 Public Education and Outreach
- CC-5 Adaptation and Vulnerability
- CC-6 GHG Reduction Goals or Targets

Cross-Cutting Issues

CCI Catalog Categories

- CC-7 Local Governments & Tribes Reduction Lead-By-Example Activities
- CC-8 Local GHG Reduction Action
- CC-9 Financial Policies
- CC-10 Climate Related Investment & Business-To-Business Engagement
- CC-11 Dedicate Greater Public Investment to Climate Data & Analysis

Water Management

Supplemental Sector Water Management Categories:

- WM-1 Water Efficiency Programs, Funds and Goals
- WM-2 Water Conservation
- WM-3 Water and Energy
- WM-4 Water Efficiency in RCI Infrastructure & Operations
- WM-5 Water Use in Agriculture

Lunch



Prioritization Process

Review of the Process for Prioritizing Potential Priority Policy Options

Notional Ratings

- For each sub-option, use a High, Medium or Low Notional Rating in the Potential GHG Reductions and Costs Columns
- Submit Notional Ratings to CCS for Compilation
- Identify Proposed Option Consolidations

Decision Criteria

- GHG Reduction Potential (MMTCO₂e)
- Direct or Microeconomic Impacts (Cost or Cost Saved Per Ton GHG Removed)
- Indirect or Macroeconomic Impacts (employment, income, prices, economic growth, market share)
- Distributional Impacts (entity size, socio economic status, location)
- Externalities (co-benefits and costs, such as energy and environmental improvements)
- Feasibility Issues

Balloting on Priorities for Analysis

- Each TWG member will receive a ballot via e-mail.
- Each member may cast 10 votes, with no more than one vote per sub-option. Return ballot to CCS.
- CCS will compile results into 3 Tiers and distribute to the TWG for review and discussion on next call
- On call #4, TWG will review and identify priority options for analysis to be recommended to KEEP.
- Priority options for analysis may include bundled options that combine several individual sub-options from the catalog

Priority Tiers

- TWG Priorities determined through a notional rating and balloting process
- TWGs have discretion to consolidate related options
- Each TWG independently identifies its Tier 1, Tier 2 and Tier 3 priorities
- PSC makes final decision on Tiers
- Only Tier 1 Options will move to Design Phase for Further Analysis and Quantification

Priority Tiers (cont'd.)

- Tier 1 Options: Proposed Policies that receive substantial support from the TWG to recommend for further analysis in the design phase of the CEDP-PSC process.
- Tier 2 Options: Policies that receive a lower level of support than Tier 1 from the TWG, and that the PSC may have interest in moving up to Tier 1.
- Tier 3 Options- Policies with little or no support from the TWG and not included in the lists for further analysis.

Next Steps PSC, TWGs

- 2 TWG meetings before next PSC meeting
 - Conduct Prioritization Process on Potential State Priority Policy Options in the TWG Catalog of Potential State Actions
 - Recommend Highest Priority Options for Further Analysis to PSC at Meeting #3
 - Review and comment on Inventory and Forecast

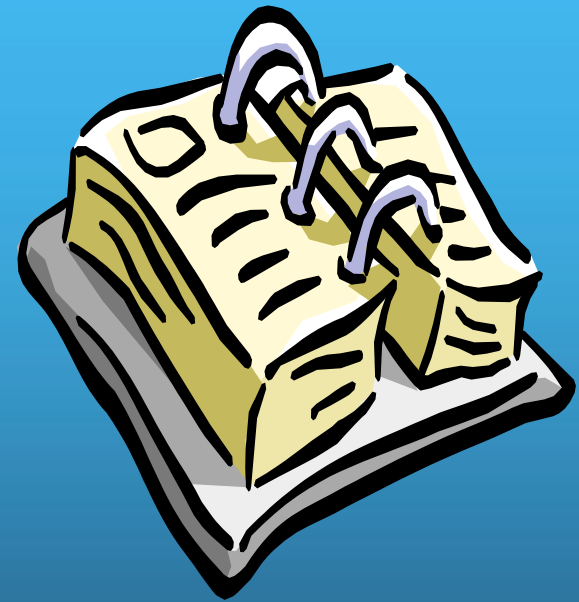
Draft Inventory & Forecast: Status Update

Public Input and Announcements

Next PSC Meeting

- Agenda:
 - Prepare to identify initial priorities for analysis
 - Review TWG suggested updates to the SCAG emissions inventory and projection
- Wednesday, December 15

SCAG Boardroom



Thank you!